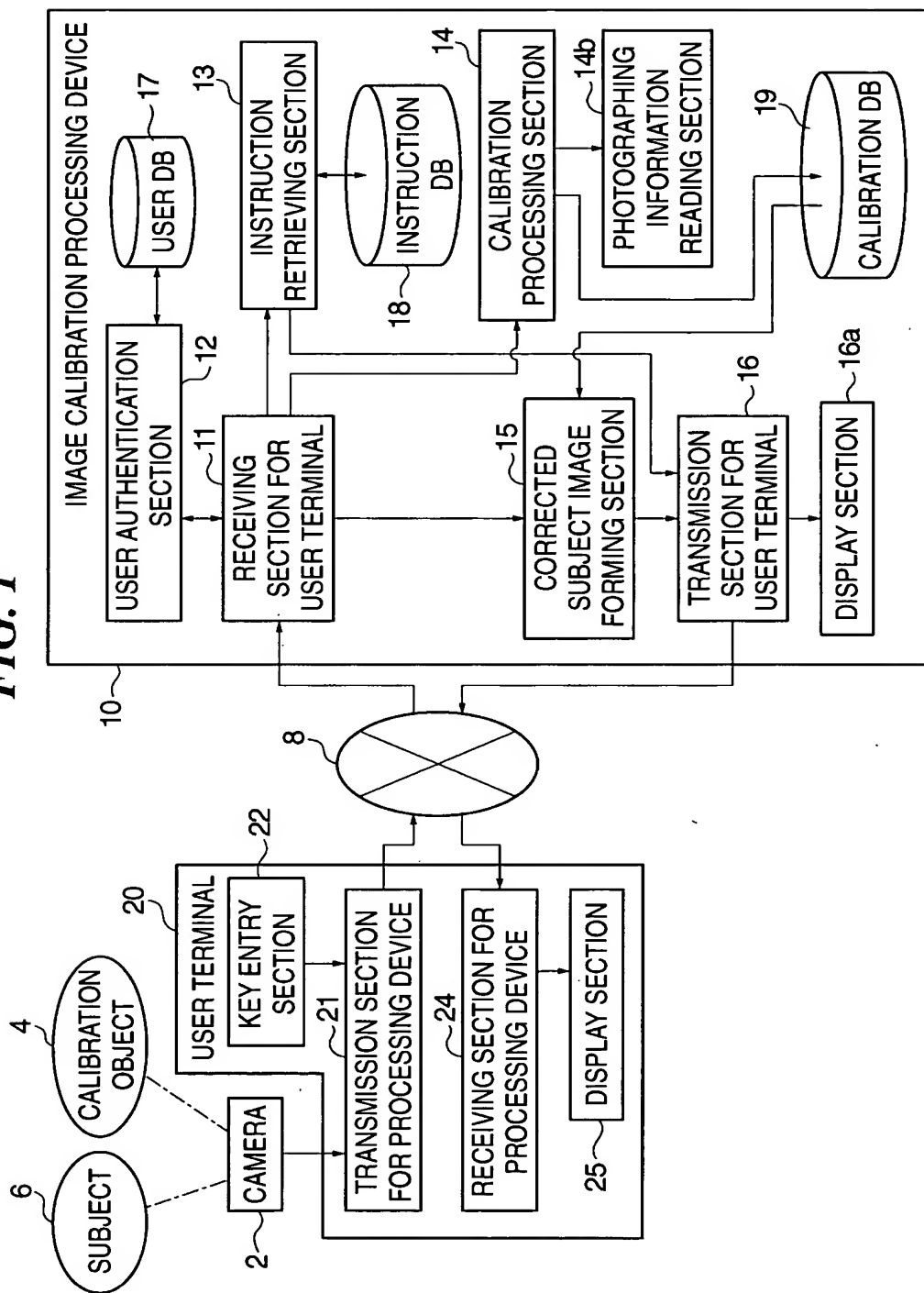


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FIG. 1



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FIG. 2

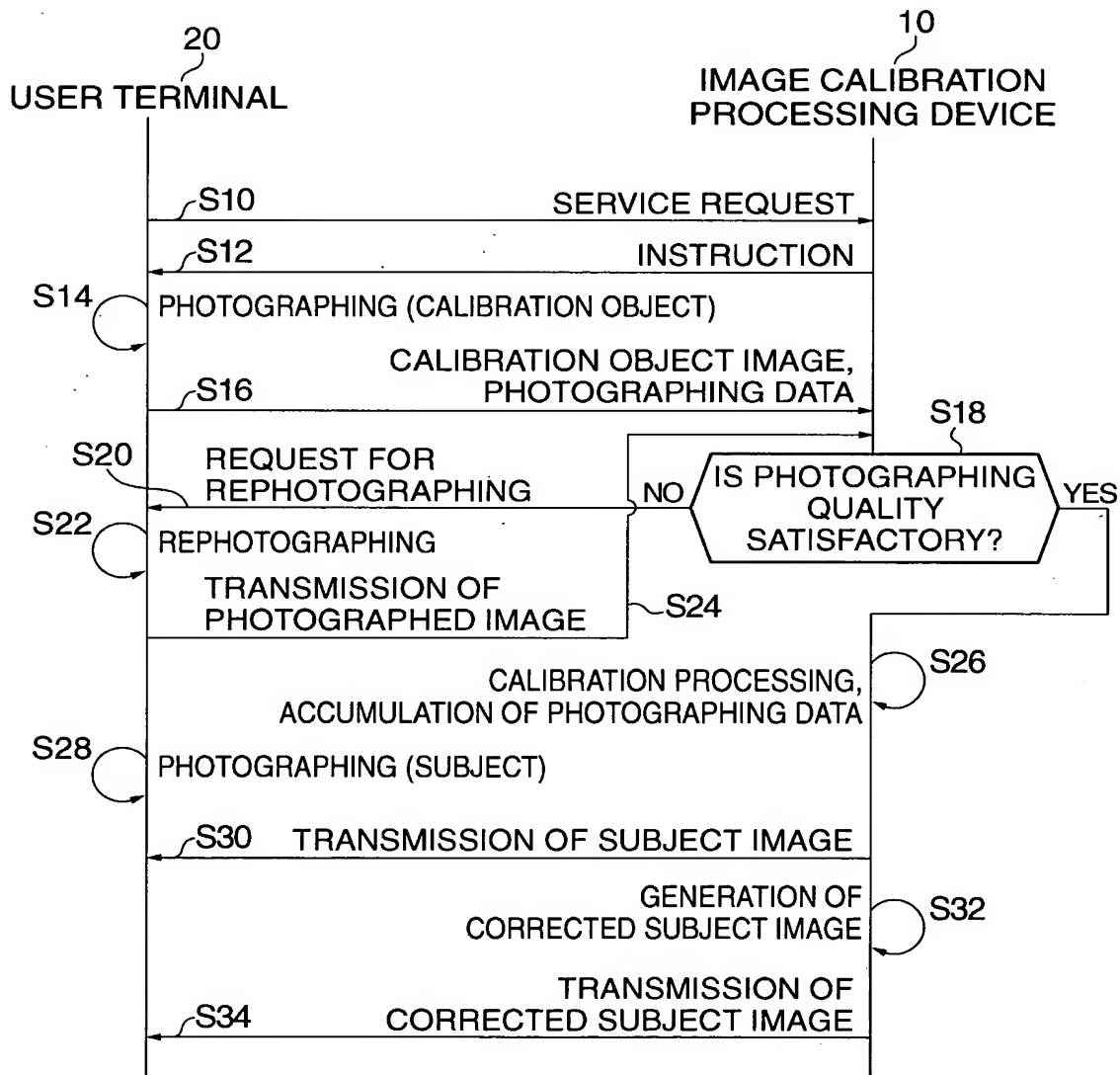


FIG. 3

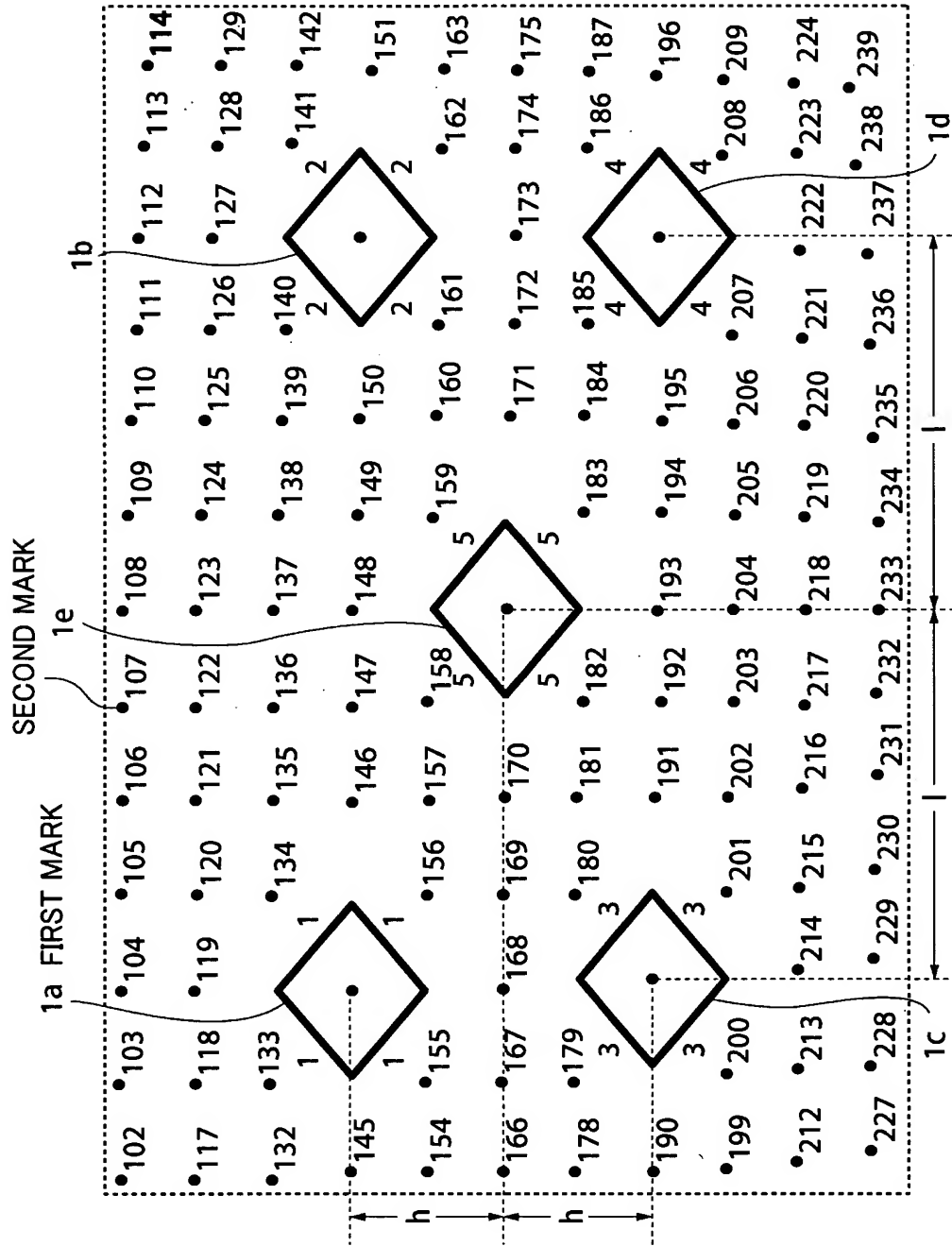


FIG.4

cmr file

Distortion display magnification

142 BEFORE CORRECTION

144 AFTER CORRECTION

146 IDEAL

☒ Tetragonal grid (white lines)
☒ Distortion before correction (red lines)
Maximum value of the distortion before correction.
 [um]
 [Pixels]

☒ Distortion after correction (black lines)
Maximum value of the distortion after correction.
 [um]
 [Pixels]

Display analysis result

Display another cmr file

OK

Camera parameters

Focal length [mm]

Principle point position [mm]

Principle point position Y [mm]

Correction model

☒ Include distortion aberration in the radial direction only.

☐ Include distortion aberration in the radial direction and tangential directions.

Distortion parameters

Parameter 1

Parameter 2

Parameter 3

Parameter 4

Image resolution Xr [um]

Image resolution Yr [um]

FIG. 5 (C)

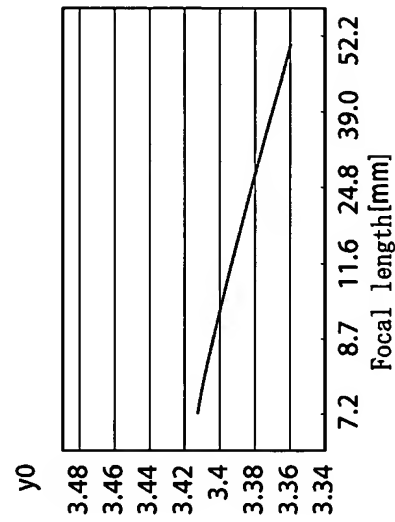
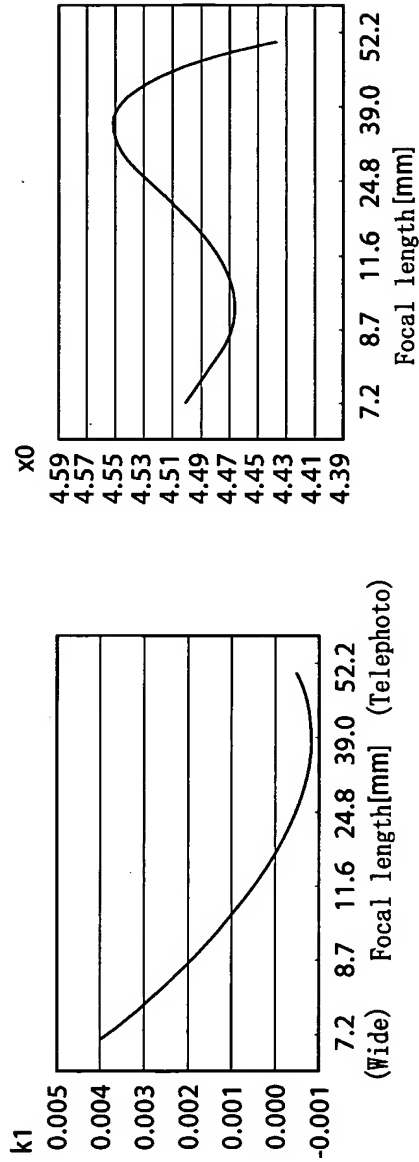


FIG. 5 (D)

FIG. 5 (A)

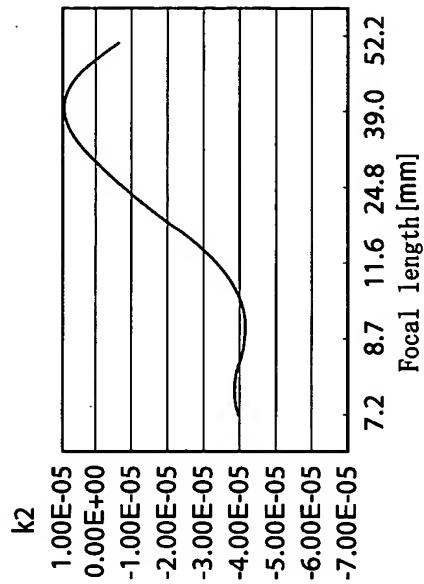
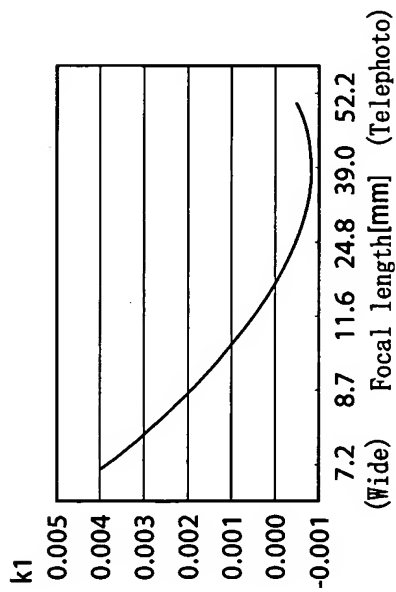


FIG. 5 (B)

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FIG. 6

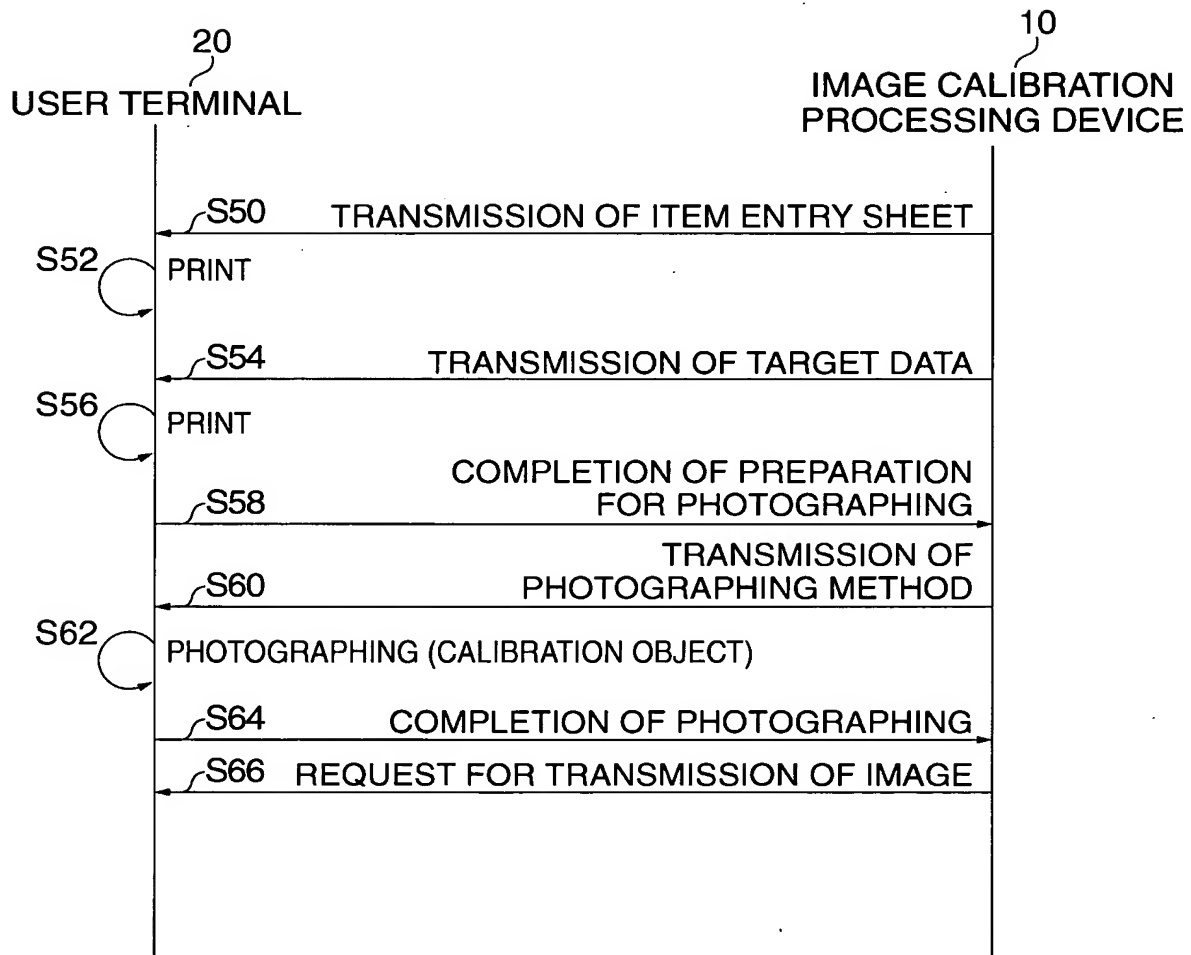
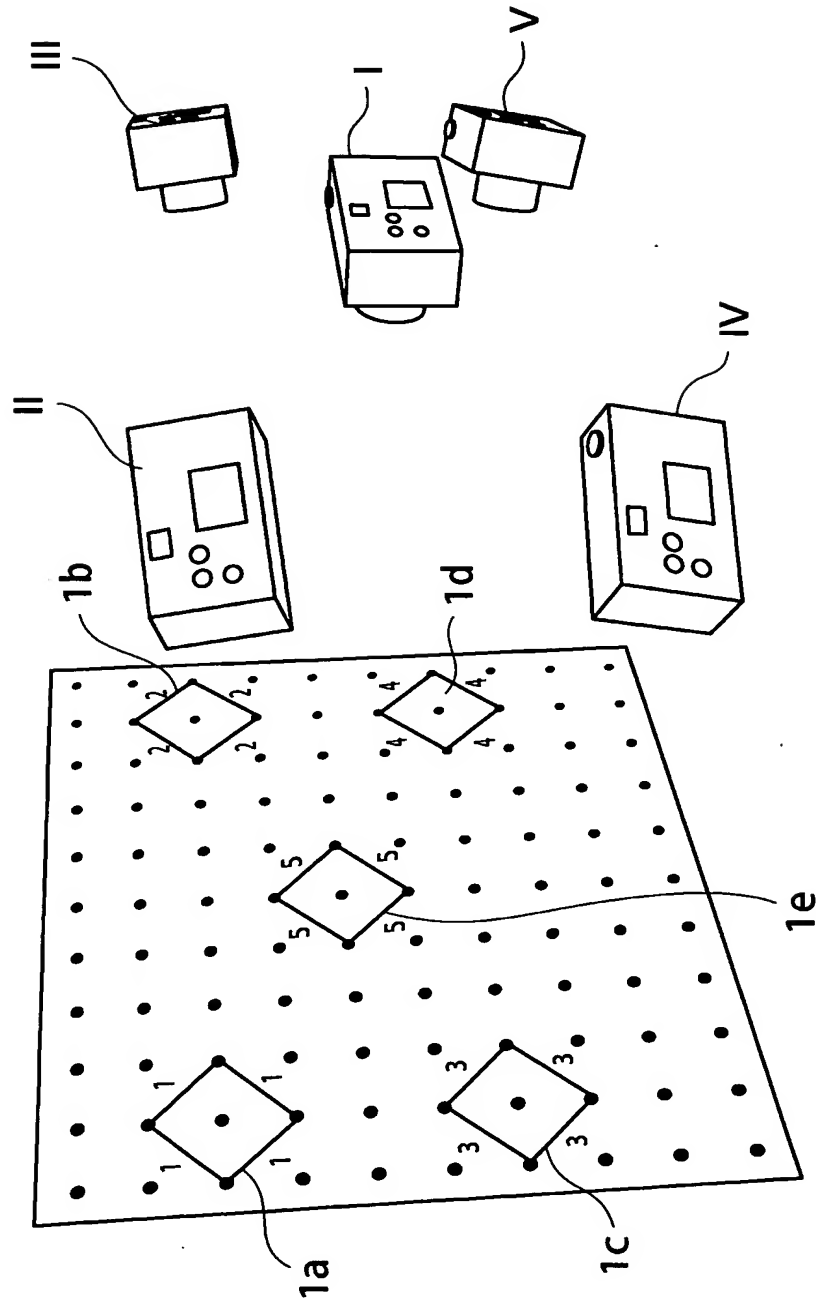


FIG. 7

DEFAULT CAMERA PARAMETERS		
DEFAULT CAMERA PARAMETERS CONFIGURATION	CORRECTION MODEL CONFIGURATION	OTHER CAMERA PARAMETERS CONFIRMATION
<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div> Default camera file name (.cmr) Dimage7-tele </div> </div> <p>For entry, refer to the instruction manual for the camera of use.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> FOCAL LENGTH DEFAULT VALUE _____ Note: Do not enter value converted to the 35 mm film scale. Enter value of the camera/lens of use. f = 48.5 [mm] </div>		
<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> IMAGING DEVICE SIZES AND IMAGE RESOLUTIONS _____ Note: In case that information on plural items below are specified in the instruction manual, entry should be made on only one item with the priority order of 1 to 3. <div style="margin-left: 20px;"> 1 <input type="radio"/> When image resolutions (size of one pixel of CCD) are specified or known: When imaging element sizes are specified Xr = 0 [um] Yr = 0 [um] </div> </div>		
<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> IMAGING DEVICE SIZES ARE SPECIFIED <div style="margin-left: 20px;"> 2 <input type="radio"/> in [mm] → 0 × 0 [mm] (horizontal x vertical sizes) 3 <input checked="" type="radio"/> in [inch] → 2 ▾ × 3 ▾ [inch] (entry example: 1/1.7) </div> </div>		
<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> IMAGE RESOLUTIONS (calculated values) Note: Values are automatically calculated and registered after image data is loaded. Xr = 3.4 [um] Yr = 3.4 [um] </div>		
<div style="display: flex; justify-content: space-around; align-items: center; margin-top: 20px;"> <div> Click OK button to save the default camera file. </div> <div style="text-align: center;"> <div style="border: 1px solid black; padding: 5px 10px; margin: 2px;">OK</div> <div style="border: 1px solid black; padding: 5px 10px; margin: 2px;">CANCEL</div> <div style="border: 1px solid black; padding: 5px 10px; margin: 2px;">APPLY (A)</div> <div style="border: 1px solid black; padding: 5px 10px; margin: 2px;">HELP</div> </div> </div>		

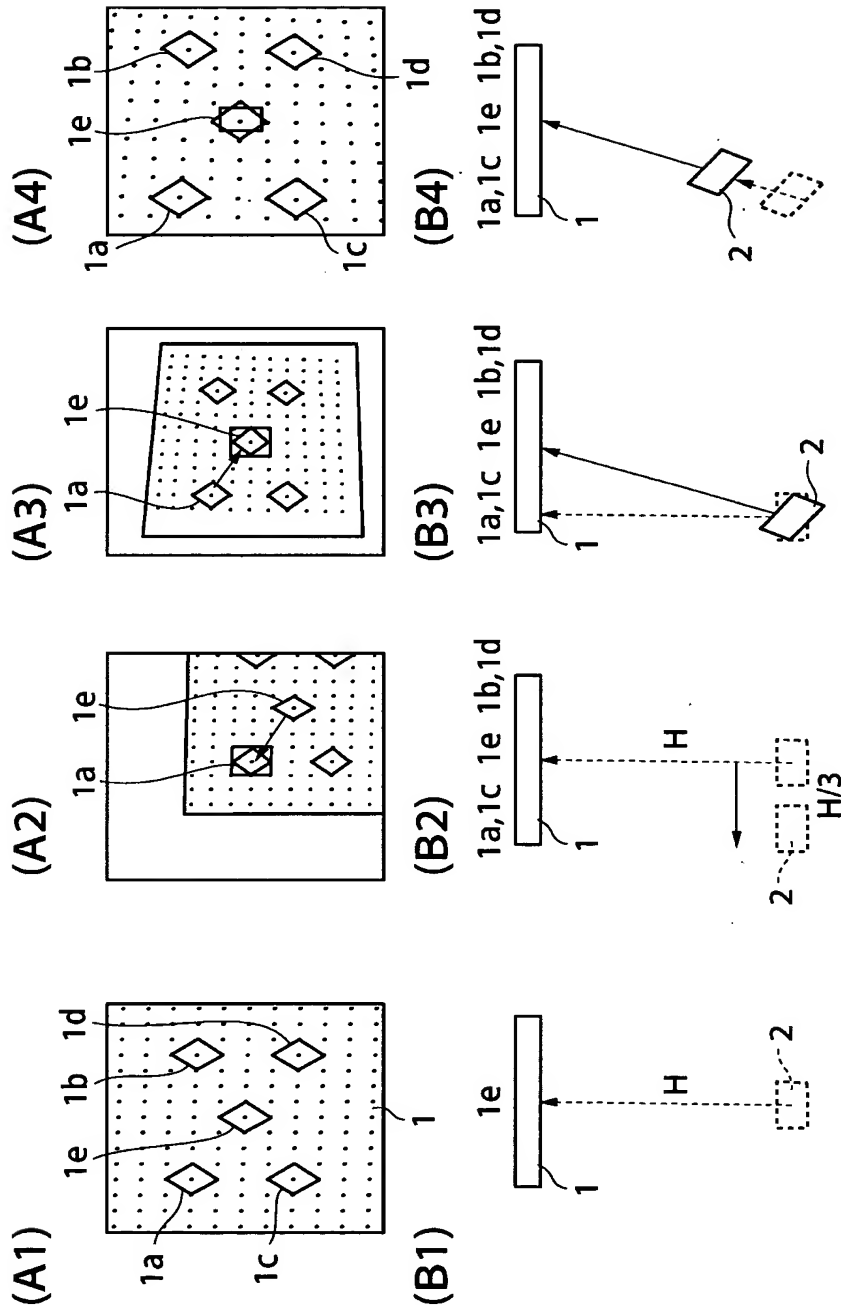
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FIG. 8



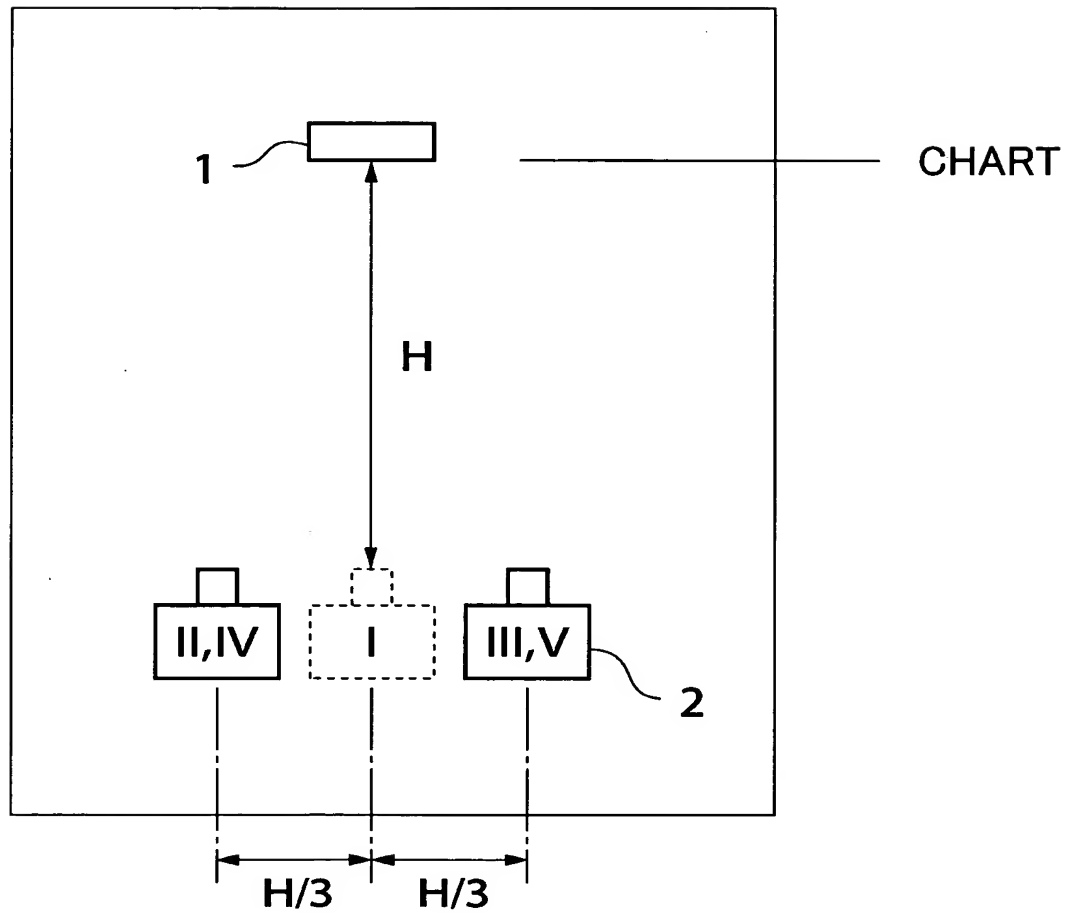
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FIG. 9



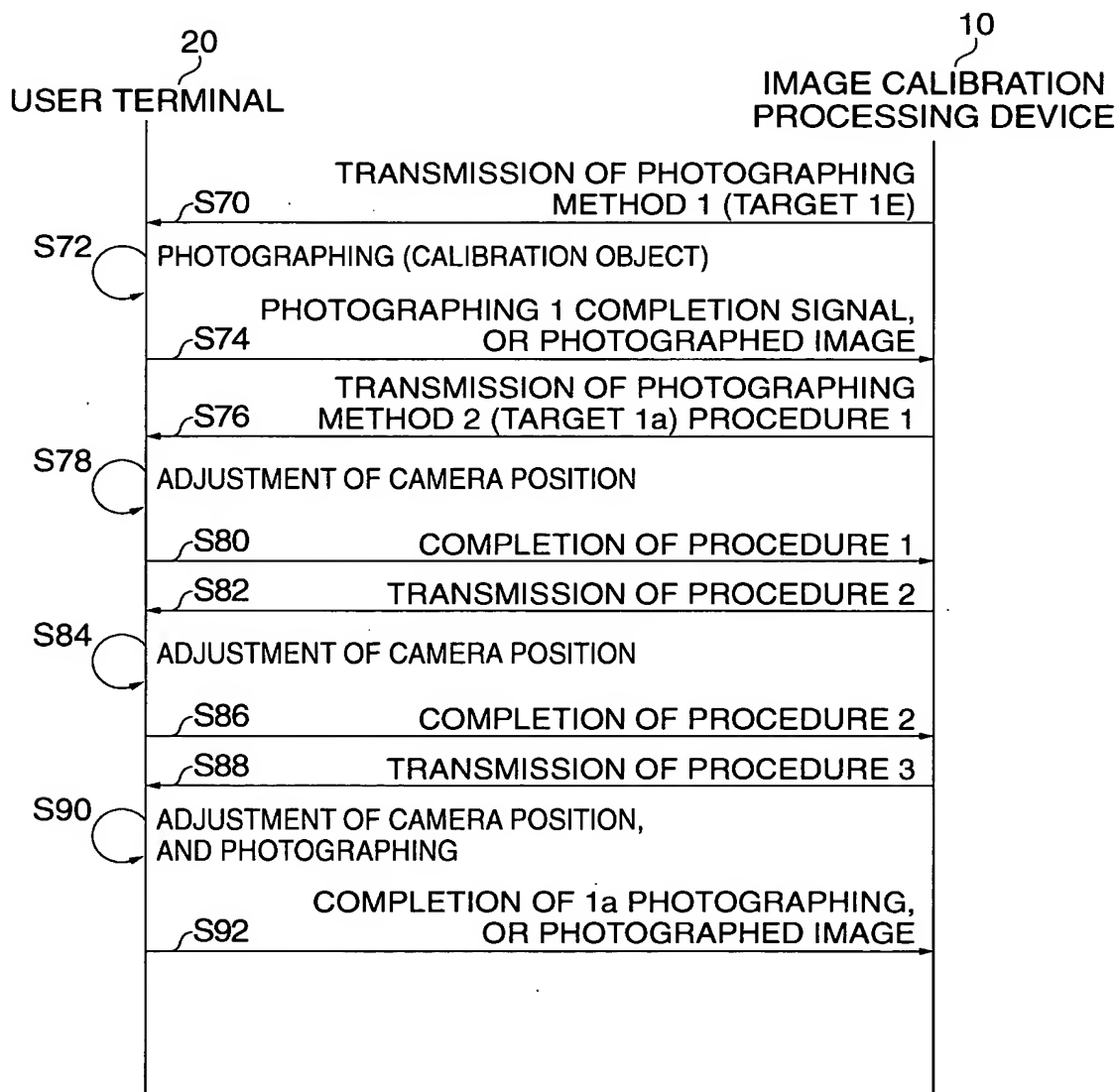
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FIG. 10



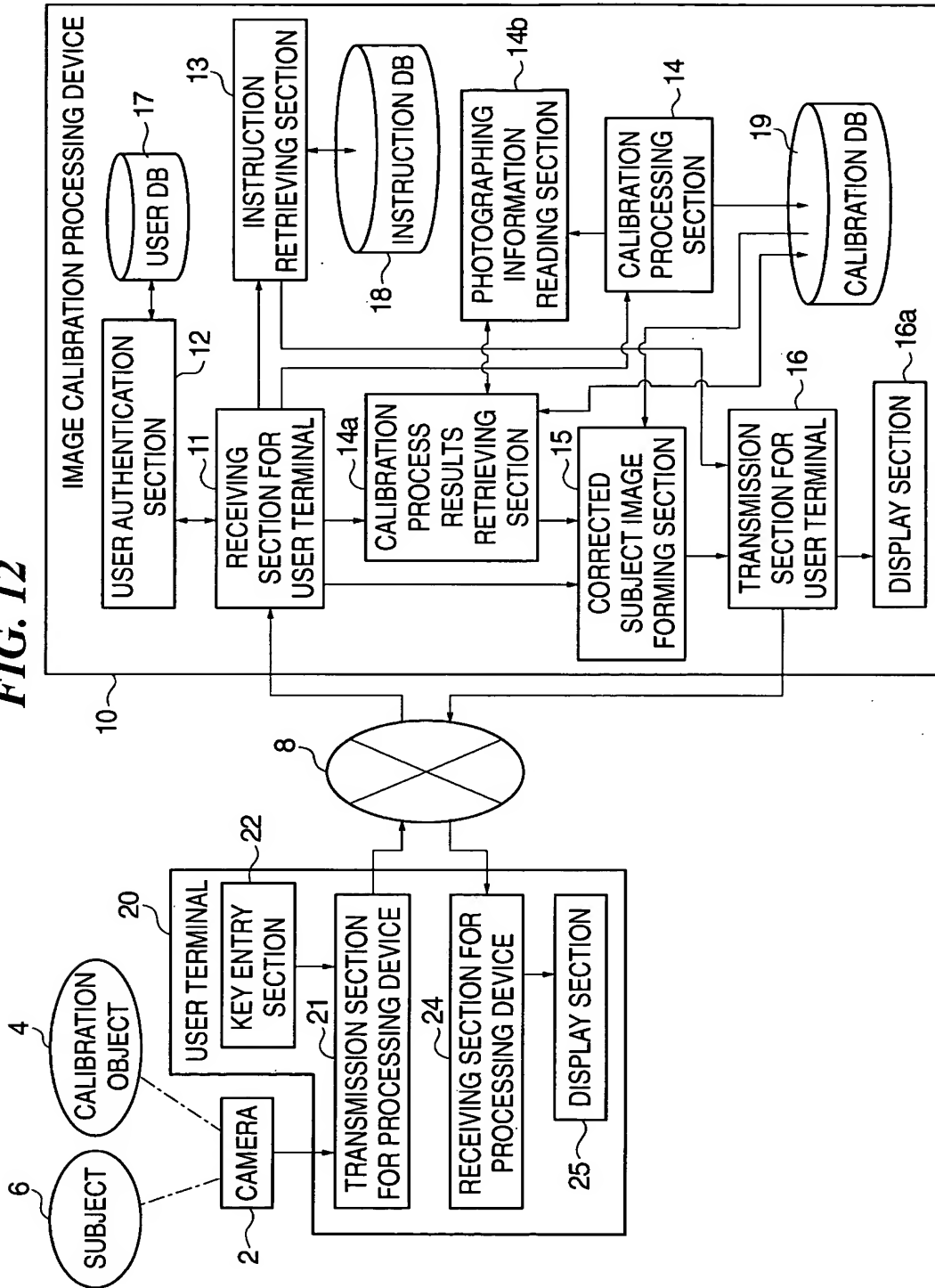
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FIG. 11

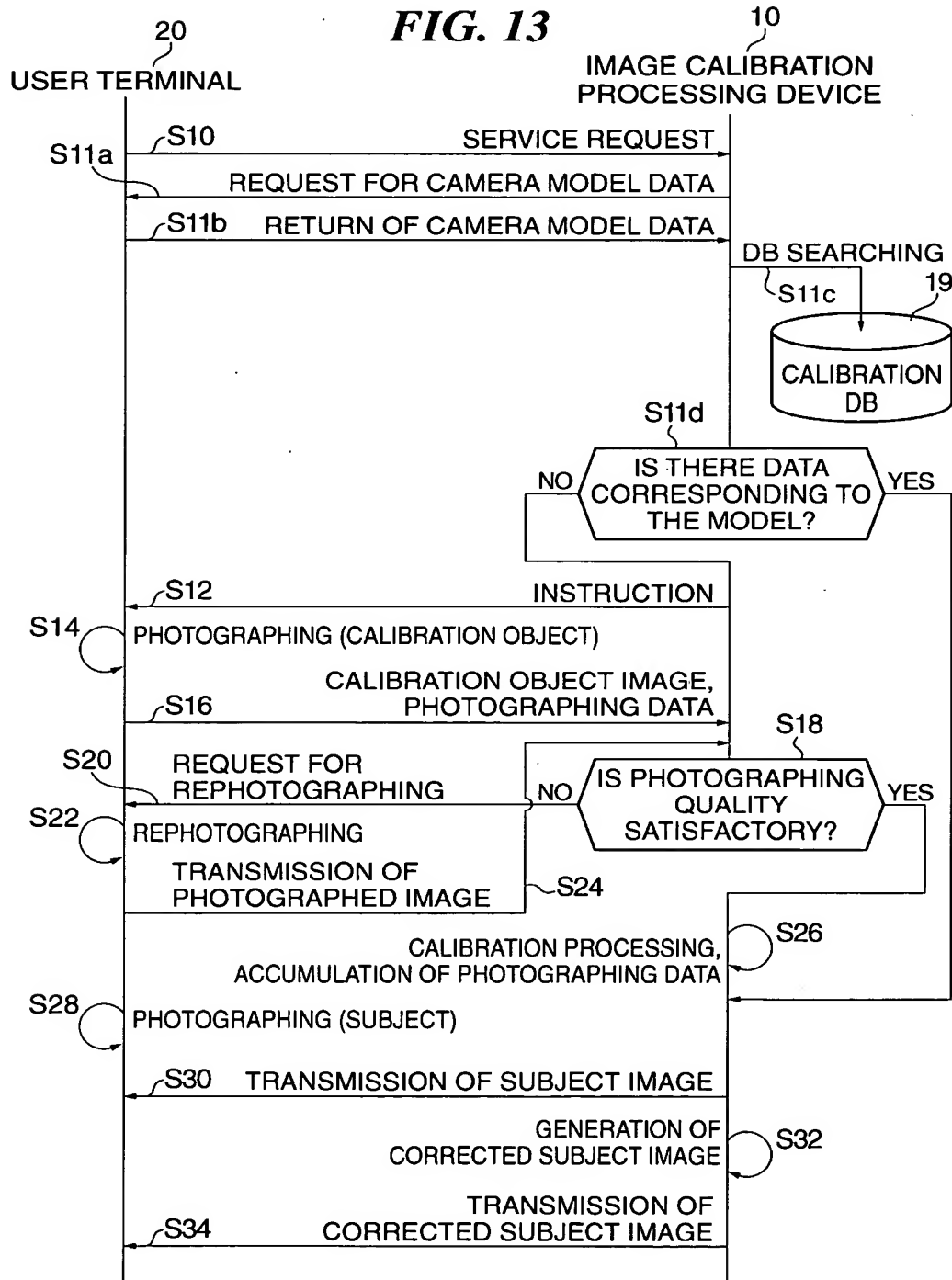


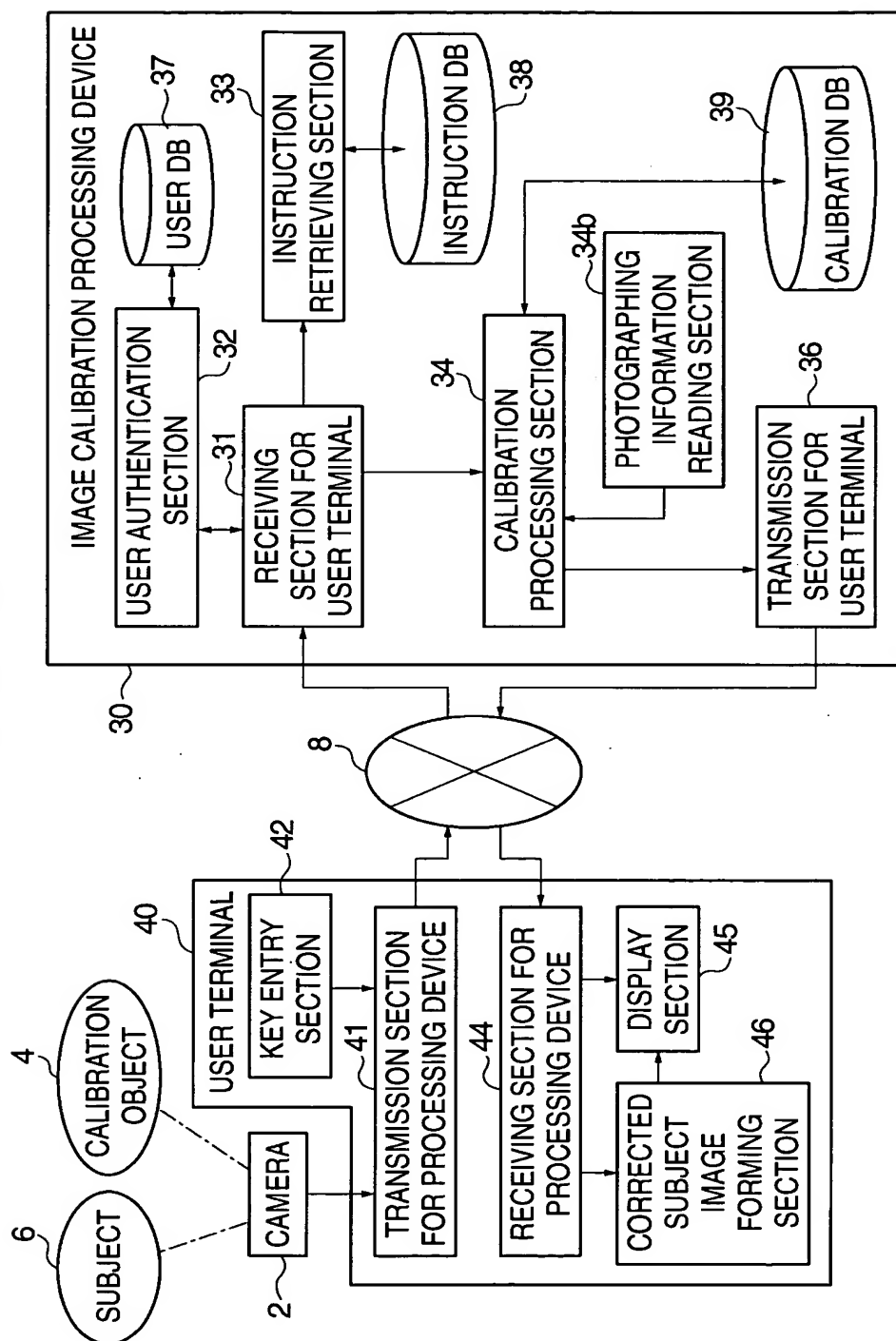
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FIG. 12



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FIG. 15

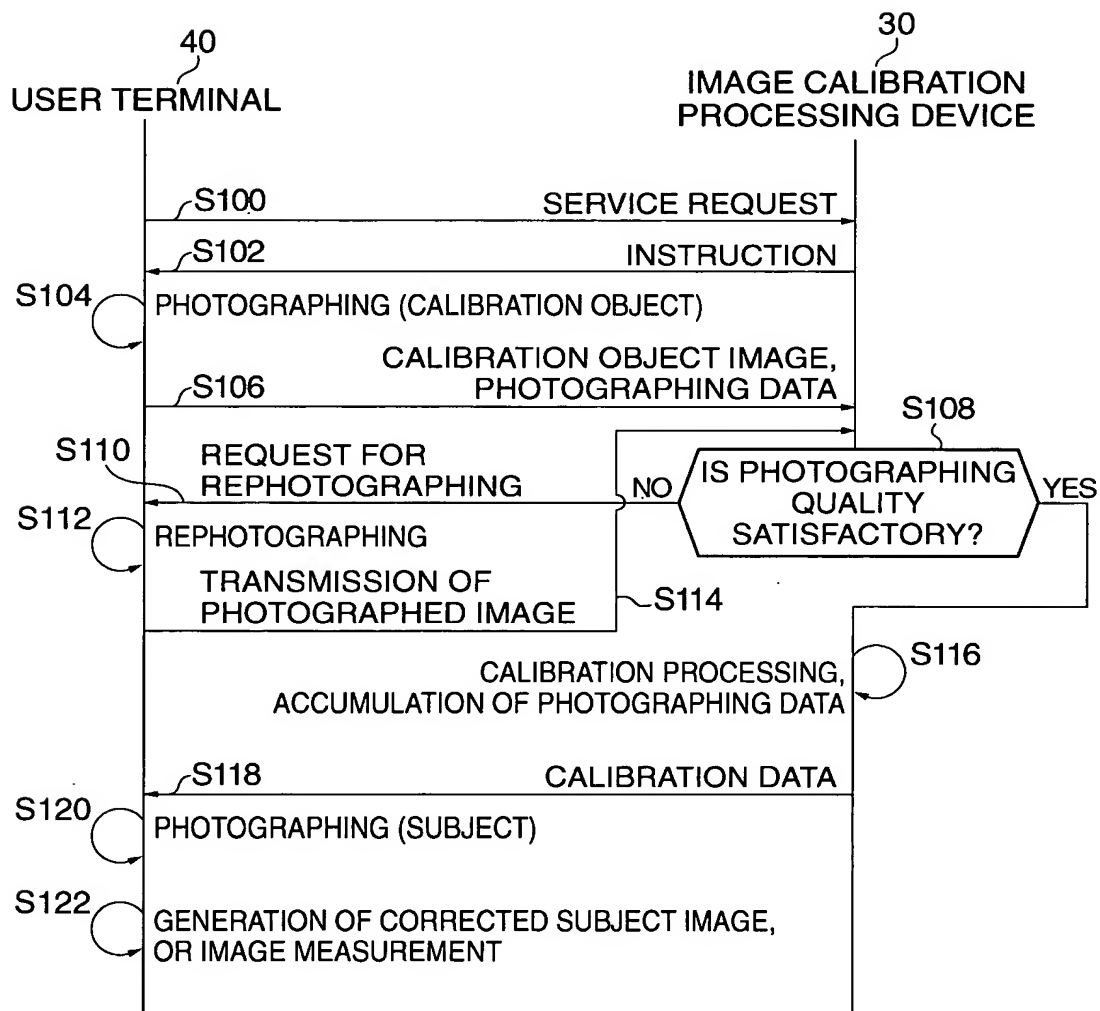
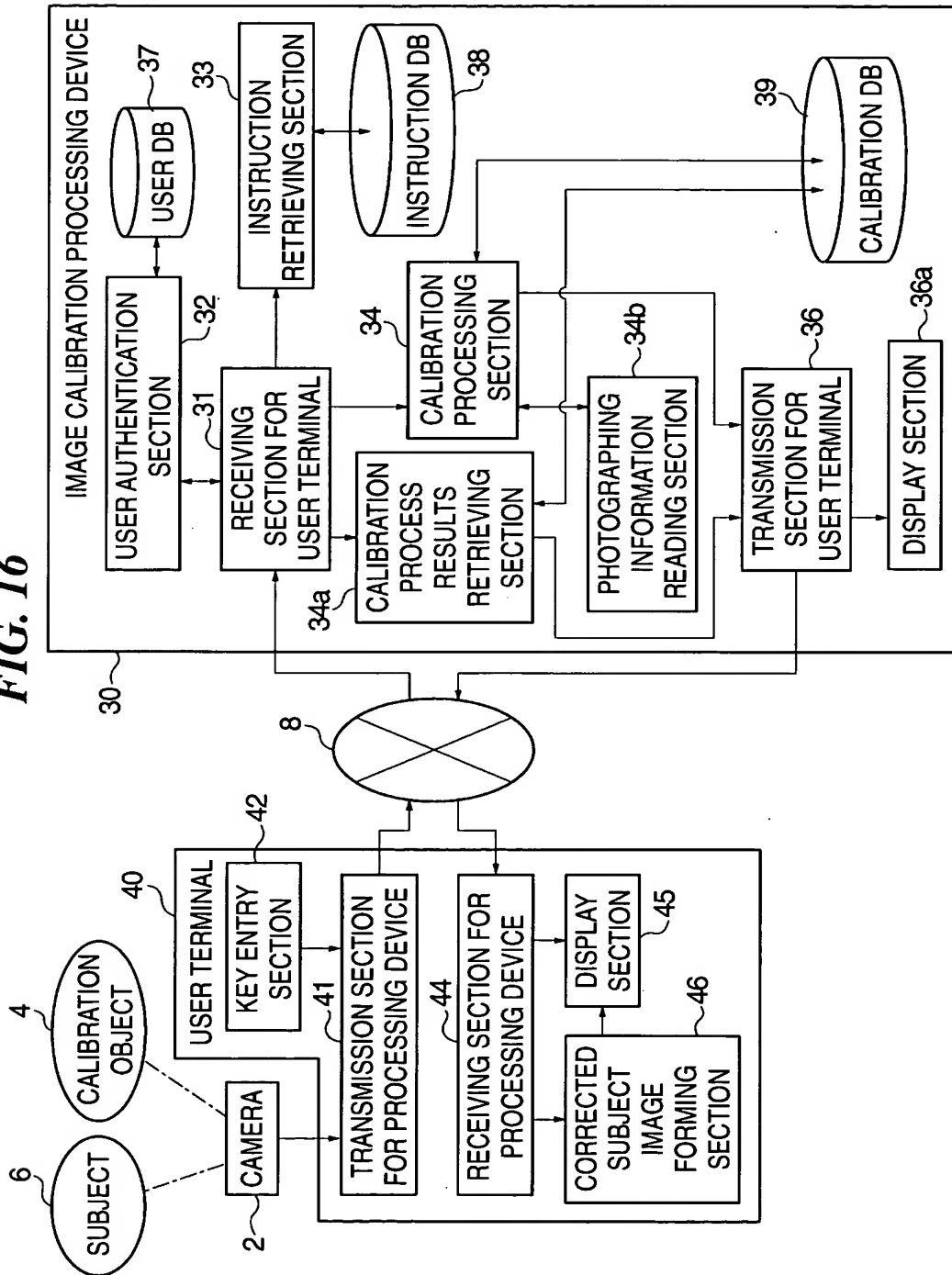


FIG. 16



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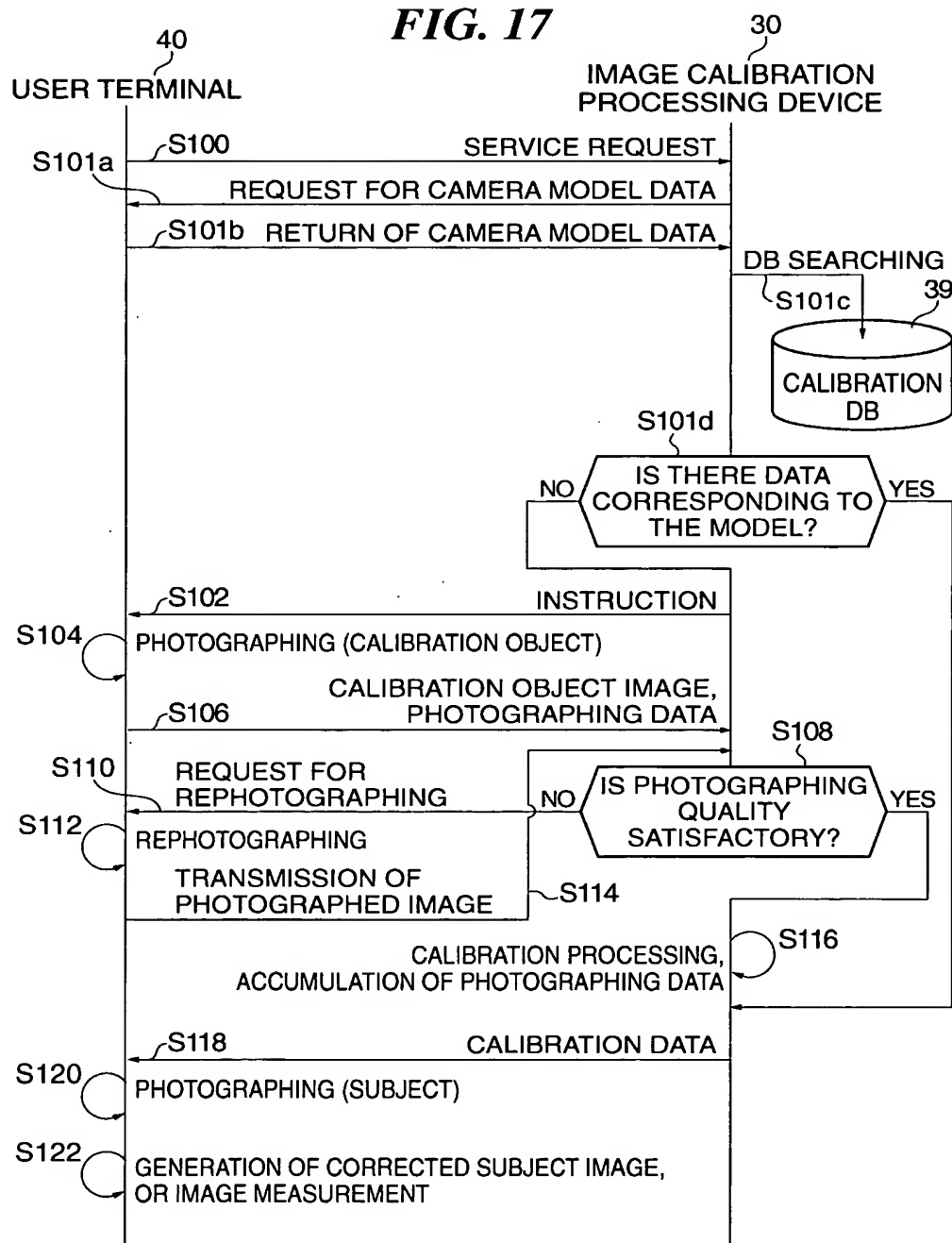
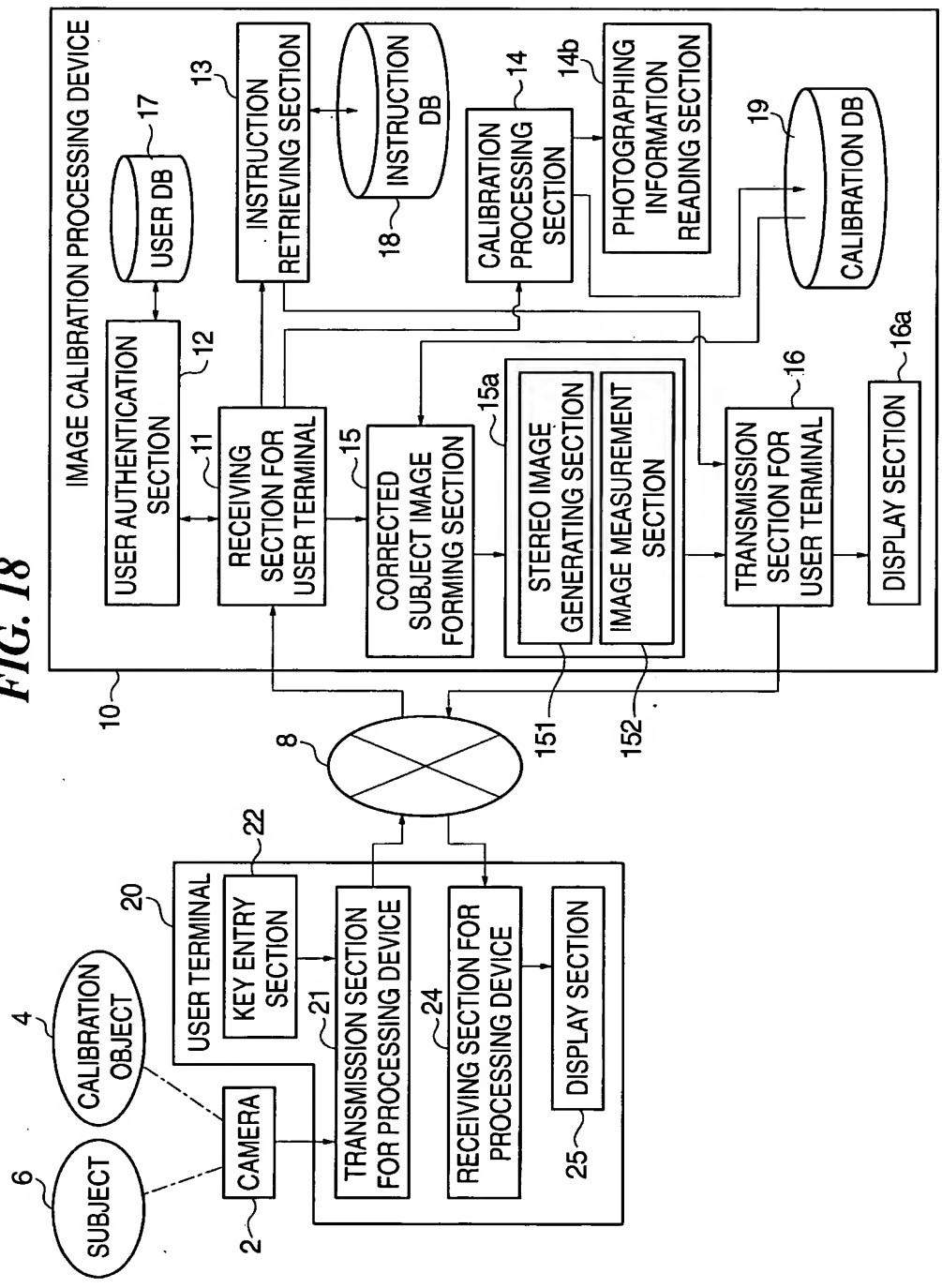
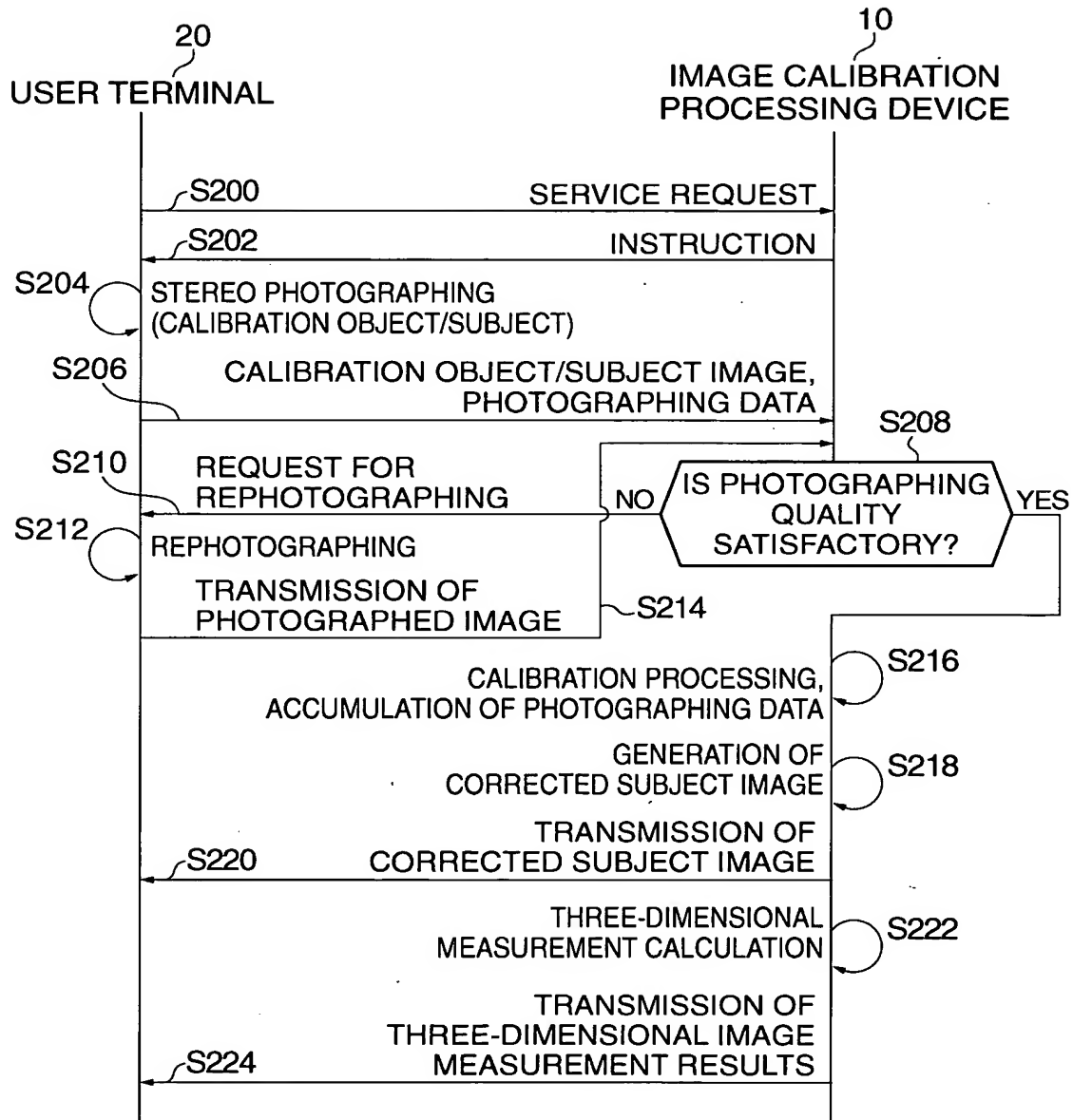


FIG. 18



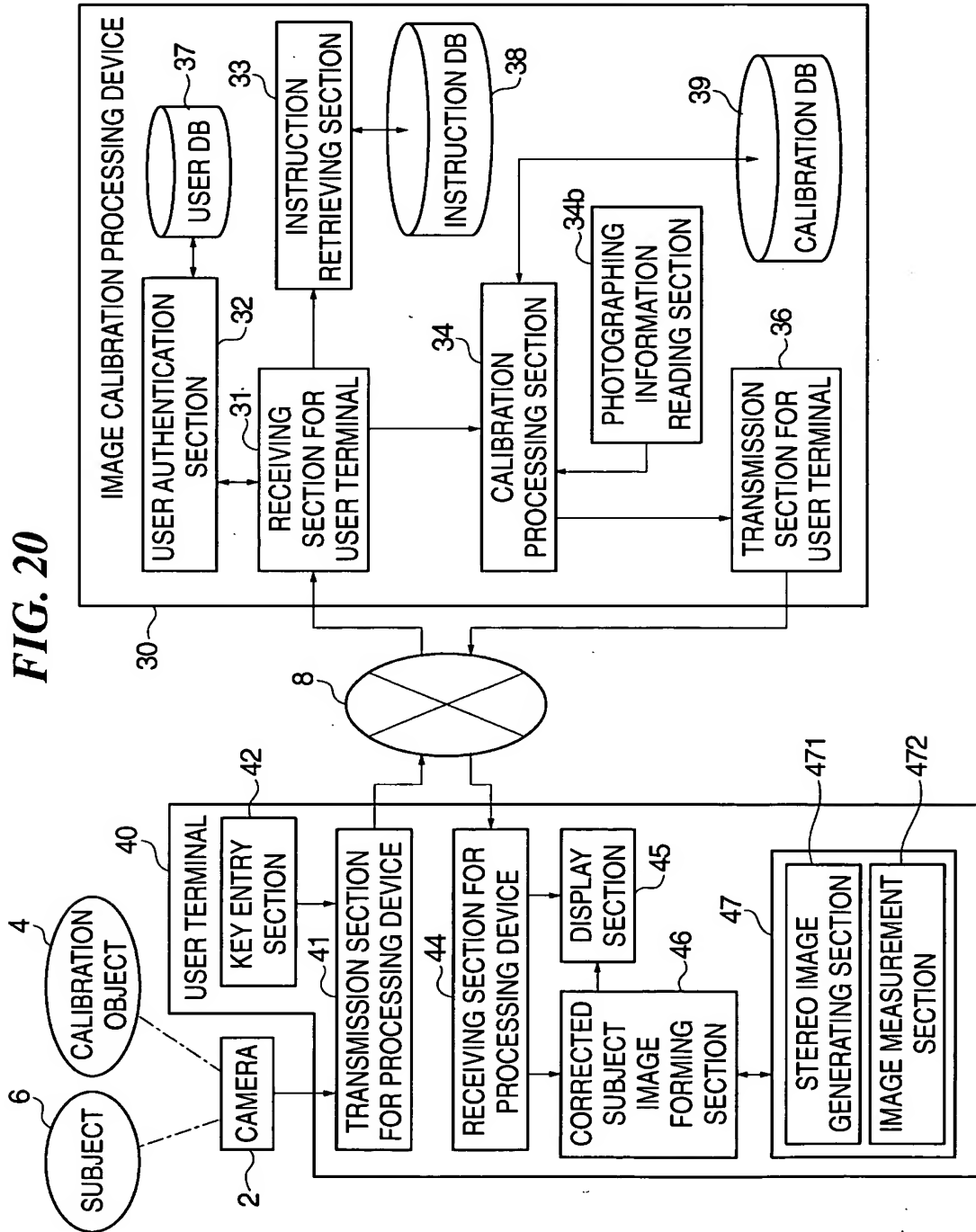
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FIG. 19



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FIG. 20



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FIG. 21

